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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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Released weekly April through November

Issued 4:00 P.M., September 4, 2001

JOC 24-01

AGRICULTURAL NEWS: Scattered showers were received throughout the State this past week with heavier rainfall in central Kentucky. Out of 6 days, 4.9 days were suitable for fieldwork. **Topsoil moisture** was rated 4 percent very short, 25 percent short, 67 percent adequate, and 4 percent surplus on Friday, August 31. **Subsoil moisture** was rated 7 percent very short, 35 percent short, 56 percent adequate, and 2 percent surplus.

CORN: The condition of the crop was rated as 3 percent poor, 17 percent fair, 51 percent good, and 29 percent excellent. As of Sunday, September 2, corn in the mature stage had reached 75 percent compared with 62 percent a year ago, and 43 percent for the five-year average. Corn harvested was 11 percent compared with 8 percent a year ago, and 7 percent for the five-year average. Ninety-five percent of the corn crop was dented, compared with 96 percent last year and 87 percent for the five-year average. Farmers are predicting an abundant crop based on early harvest results. Some farmers are currently chopping corn silage.

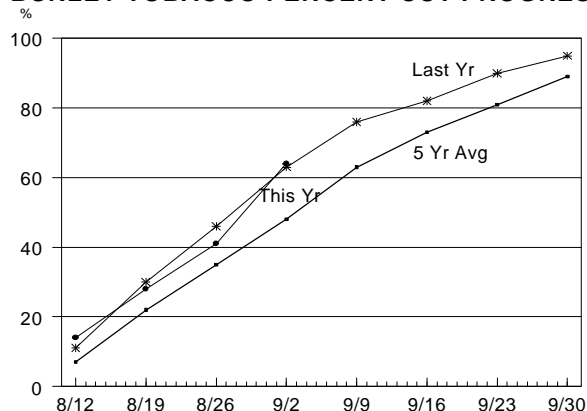
SOYBEANS: Ten percent of the soybean crop was shedding leaves or beyond as of Sunday, September 2, compared with 7 percent a year ago and 7 percent for the five-year average. Crop condition was rated as 1 percent very poor, 5 percent poor, 24 percent fair, 43 percent good,

and 27 percent excellent. Soybeans with leaves turning yellow or beyond were 26 percent compared with 18 percent a year ago, and 18 percent for the five-year average. Ninety-four percent of the crop was setting pods, compared with 93 percent last year, and the five-year average of 85 percent.

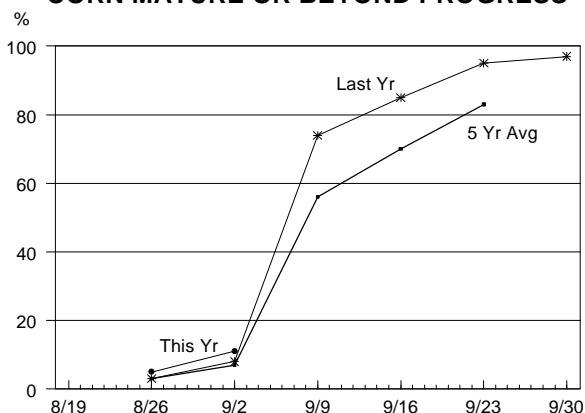
TOBACCO: Tobacco farmers reported their main activities for the week were cutting and housing the crop. Condition of the tobacco in the field was reported as 1 percent very poor, 2 percent poor, 19 percent fair, 62 percent good, and 16 percent excellent. As of Sunday, September 2, 64 percent of the **burley** crop was cut compared with 63 percent last year and the five-year average of 48 percent. Forty-six percent of the **dark tobacco** crop was also cut compared with 53 percent last year and the five-year average of 54 percent. Some houseburn was reported in 21 percent of the barns, but was considered generally light.

OTHER CROPS: Farmers have been cutting **hay** this past week. Condition of the hay crop was reported as 2 percent very poor, 9 percent poor, 33 percent fair, 49 percent good, and 7 percent excellent. **Pastures** were doing better due to cooler temperatures and recent showers. Conditions were rated as 2 percent very poor, 10 percent poor, 32 percent fair, 48 percent good, and 8 percent excellent.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN MATURE OR BEYOND PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 2, 2001
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Setting Pods	94	93	85	92	94
Turning Yellow	26	18	18	14	NA
Shedding Leaves	10	7	7	6	5
Corn					
Dent Stage	95	96	87	89	51
Mature	75	62	43	48	12
Harvested	11	8	7	5	NA
Burley Tobacco Cut	64	63	48	41	NA
Dark Tobacco Cut	46	53	54	38	NA

(NA) Data Not Available.

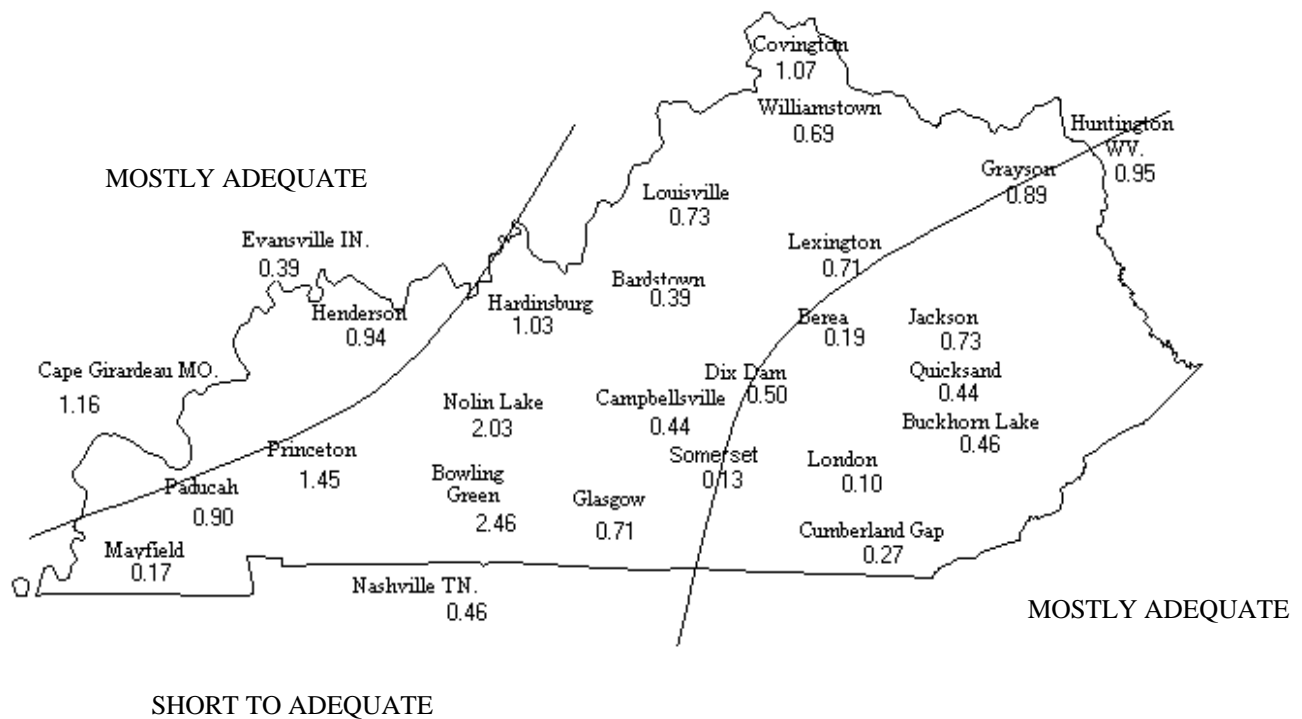
SOIL MOISTURE
WEEK ENDING AUGUST 31, 2001
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	4	5
Short	25	27
Adequate	67	63
Surplus	4	5
SUBSOIL		
Very Short	7	8
Short	35	31
Adequate	56	59
Surplus	2	2

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 31, 2001					WEEK ENDING AUGUST 24, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	0	3	17	51	29	1	3	17	50	29
Soybeans	1	5	24	43	27	1	7	24	42	26
Pasture	2	10	32	48	8	3	8	29	51	9
Hay Crops	2	9	33	49	7	3	9	29	48	11
Tobacco in Field	1	2	19	62	16	2	3	17	55	23

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 2, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 31, 2001



KENTUCKY WEATHER SUMMARY, AUGUST 27 - SEPTEMBER 2, 2001:**ABOVE NORMAL TEMPERATURES AND NEAR NORMAL RAINFALL:**

Temperatures for the period averaged 75 degrees across the State which was 3 degrees ABOVE NORMAL. High temperatures averaged from 85 in the West to 82 in the East. Departure from normal high temperatures ranged from NEAR NORMAL in the West to NEAR NORMAL in the East. Low temperatures averaged from 67 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 5 degrees ABOVE NORMAL in the West to 5 degrees ABOVE NORMAL in the East.

Rainfall for the past week totaled 0.84 inches statewide which was NEAR NORMAL. Rainfall totals by climate division, West 0.84 inches, Central 1.23 inches, Bluegrass 0.81 inches and East 0.50 inches, which was +0.04, +0.38, -0.03 and -0.35 inches respectively from normal. By station, rainfall totals ranged from a low of 0.10 inches at London to a high of 2.46 inches at Bowling Green.

Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, SEPTEMBER 2, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.39	19.98	2.12	-1.17	-1.39	87	61	75.0	+3	171	3159	+241
Berea	0.19	19.84	2.07	-1.86	-1.54	86	58	73.8	+3	165	3039	+26
Bowling Green	2.46	20.75	4.75	-1.18	+1.56	87	66	76.6	+5	183	3354	+311
Bristol	2.46	24.39	4.16	+5.94	+1.28	85	64	72.9	+2	159	2946	+150
Buckhorn Lake	0.46	24.55	3.42	+3.81	+0.11	85	57	73.3	+2	162	3048	+407
Cape Girardeau	1.16	21.93	2.46	+1.57	-0.71	94	63	76.7	+3	178	3392	+195
Campbellsville	0.44	19.89	2.53	-4.45	-1.61	88	61	75.9	+4	179	3210	+227
Covington	1.07	24.94	4.92	+5.29	+1.92	85	59	72.4	+1	156	2944	+179
Cumberland Gap	0.27	16.93	1.25	-6.03	-2.59	89	63	75.5	+5	172	3121	+355
Dix Dam	0.50	19.54	1.81	-2.18	-1.69	86	60	74.1	+3	167	3102	+151
Evansville	0.39	20.13	4.33	+0.52	+1.52	89	61	74.9	+1	171	3335	+291
Glasgow	0.71	19.70	2.88	-4.11	-0.76	91	62	77.4	+6	183	3323	+370
Grayson	0.89	22.03	2.22	+1.51	-1.11	86	59	73.6	+3	164	3024	+413
Hardinsburg	1.03	18.18	3.83	-3.58	+0.42	88	62	75.5	+4	174	3298	+253
Henderson	0.94	20.00	4.32	-0.09	+1.43	89	61	75.9	+2	176	3310	+236
Huntington	0.95	21.38	2.33	+0.76	-1.16	87	58	74.0	+3	166	3007	+212
Jackson	0.73	19.29	2.45	-2.60	-1.15	83	61	72.9	+2	158	3003	+362
Lexington	0.71	18.52	1.54	-2.63	-1.97	87	60	73.7	+3	164	3121	+324
London	0.10	21.61	1.37	+1.51	-1.64	86	60	73.6	+3	163	2985	+221
Louisville	0.73	16.04	2.51	-4.53	-0.67	87	61	74.6	+3	170	3258	+183
Mayfield	0.17	14.11	1.07	-7.90	-2.41	87	62	74.8	+1	171	3190	+84
Nashville	0.46	19.55	3.57	-0.93	+0.44	88	69	76.0	+4	180	3485	+223
Nolin Lake	2.03	22.28	4.20	-0.73	+0.77	87	65	76.1	+4	181	3329	+502
Paducah	0.90	19.69	4.01	-2.09	+0.96	92	65	77.1	+3	182	3436	+270
Princeton	1.45	19.20	3.89	-2.93	+0.30	92	64	77.0	+3	182	3505	+368
Quicksand	0.44	26.64	4.14	+4.75	+0.54	84	55	72.6	+2	157	3039	+398
Somerset	0.13	20.47	1.63	-2.27	-1.92	89	61	74.6	+4	169	3089	+232
Spindletop	1.69	18.96	3.72	-2.19	+0.21	86	59	73.1	+2	160	3000	+203
Williamstown	0.69	23.26	2.02	+2.46	-1.32	87	59	73.6	+3	163	3083	+286

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

CROP PROGRESS PERCENT FOR WEEK ENDING AUGUST 26, 2001

CORN DENTED

State	Curr	Last Wk	2000	Avg
CO	21	5	43	23
IL	72	57	66	48
IN	71	50	65	43
IA	39	22	60	37
KS	80	66	74	65
KY	89	65	86	70
MI	13	9	6	17
MN	18	7	32	31
MO	74	60	88	77
NE	59	41	62	40
NC	90	80	80	81
ND	43	20	61	40
OH	36	23	39	27
PA	30	21	25	24
SD	43	16	40	30
TN	97	90	78	85
TX	93	86	91	87
WI	0	0	12	18
18 States	51	35	55	42

These 18 States planted 92% of last year's corn acreage.

SOYBEAN SETTING PODS

State	Curr	Last Wk	2000	Avg
AR	93	87	82	77
IL	96	94	97	90
IN	99	98	97	89
IA	96	90	100	99
KS	92	87	94	90
KY	92	74	83	70
LA	100	99	99	98
MI	88	83	81	89
MN	98	90	100	98
MS	100	97	100	96
MO	79	63	92	83
NE	98	91	99	97
NC	65	50	59	58
ND	100	98	100	100
OH	97	94	96	93
SD	96	88	95	95
TN	93	80	77	73
WI	74	52	88	86
18 States	94	87	95	91

These 18 States planted 95% of last year's soybean acreage.

CROP CONDITION FOR WEEK ENDING AUGUST 26, 2001

CORN

State	VP	P	F	G	EX
CO	1	4	14	53	28
IL	3	10	34	45	8
IN	2	6	20	53	19
IA	6	13	31	41	9
KS	9	11	34	38	8
KY	1	3	17	50	29
MI	10	26	36	26	2
MN	7	18	42	31	2
MO	3	11	35	39	12
NE	4	9	25	43	19
NC	0	2	12	53	33
ND	0	3	20	59	18
OH	4	13	29	41	13
PA	10	14	34	36	6
SD	3	9	28	46	14
TN	0	3	12	50	35
TX	1	9	44	43	3
WI	5	11	29	44	11
18 States	4	11	30	43	12
Prev Week	4	11	31	43	11
Prev Year	4	7	22	45	22

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

SOYBEANS

State	VP	P	F	G	EX
AR	3	13	37	37	10
IL	3	10	32	44	11
IN	2	7	24	51	16
IA	6	14	32	39	9
KS	8	17	38	32	5
KY	1	7	24	42	26
LA	1	7	39	44	9
MI	7	23	44	24	2
MN	6	15	39	37	3
MS	0	5	24	54	17
MO	6	17	40	32	5
NE	6	11	35	38	10
NC	0	2	14	67	17
ND	2	7	23	48	20
OH	3	9	29	45	14
SD	3	13	28	44	12
TN	0	4	20	53	23
WI	4	8	27	45	16
18 States	4	12	32	42	10
Prev Week	4	11	33	42	10
Prev Year	5	11	26	43	15

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

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